

Title (en)

MICROEMULSION CONTAINING OILFIELD CHEMICALS USEFUL FOR OIL AND GAS FIELD APPLICATIONS

Title (de)

MIKROEMULSION MIT ÖLFELDCHEMIKALIEN FÜR ÖL- UND GASFELDDANWENDUNGEN

Title (fr)

MICROEMULSION CONTENANT DES SUBSTANCES CHIMIQUES PROPRES AUX CHAMPS DE PETROLE UTILE DANS DES APPLICATIONS DE CHAMP DE PETROLE ET DE GAZ

Publication

EP 1874890 A4 20090729 (EN)

Application

EP 06718767 A 20060119

Priority

- US 2006001746 W 20060119
- US 64568405 P 20050121
- US 33416406 A 20060118

Abstract (en)

[origin: WO2006078723A2] Useful microemulsions have corrosion inhibitors in the internal phase and an external phase and at least one surfactant that helps define the emulsion. The corrosion inhibitor itself may have its pH adjusted so that it also serves the role of surfactant. The corrosion inhibitors form microemulsions with particle or droplet diameters of about 10 to about 300 nm. The microemulsions may be oil-in-water, water-in-oil or bi-continuous.

IPC 8 full level

C09K 8/52 (2006.01); **C09K 8/54** (2006.01)

CPC (source: EP NO US)

C09K 8/26 (2013.01 - EP US); **C09K 8/36** (2013.01 - EP US); **C09K 8/52** (2013.01 - EP NO US); **C09K 8/536** (2013.01 - EP US); **C09K 8/54** (2013.01 - EP NO US)

Citation (search report)

- [X] US 5008026 A 19910416 - GARDNER TOMMY R [US], et al
- [I] WO 0100747 A1 20010104 - BP EXPLORATION OPERATING [GB], et al
- See references of WO 2006078723A2

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Designated contracting state (EPC)

DK GB NL RO

DOCDB simple family (publication)

WO 2006078723 A2 20060727; WO 2006078723 A3 20070222; WO 2006078723 A8 20071004; AU 2006206524 A1 20060727; AU 2006206524 B2 20101216; AU 2006206524 C1 20110714; CA 2595460 A1 20060727; CA 2595460 C 20100817; DK 1874890 T3 20141103; EA 014875 B1 20110228; EA 200701397 A1 20080228; EP 1874890 A2 20080109; EP 1874890 A4 20090729; EP 1874890 B1 20141015; MX 2007008793 A 20080304; NO 20073933 L 20070815; NO 341550 B1 20171204; US 2006166835 A1 20060727; US 2010160186 A1 20100624; US 7615516 B2 20091110; US 7851414 B2 20101214

DOCDB simple family (application)

US 2006001746 W 20060119; AU 2006206524 A 20060119; CA 2595460 A 20060119; DK 06718767 T 20060119; EA 200701397 A 20060119; EP 06718767 A 20060119; MX 2007008793 A 20060119; NO 20073933 A 20070727; US 33416406 A 20060118; US 61367809 A 20091106